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REVISED STUDENTS' CHECK-LIST OF TEXTS ILLUSTRATING THE HISTORY OF MEDICINE, WITH REFERENCES FOR COLLATERAL READING

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That the medical undergraduate of to-day is better fitted, by preliminary training, for historical researches than formerly is evidenced by the remarkable row of investigations on the history of disease by the pupils of Professor W. G. MacCallum and by the unqualified success of Professor Sigerist in activating research-work during the initial year of his seminary. The researches are virtually inaugural dissertations in medicine, comparing very favorably with the theses of French and German medical graduates. In a single academic year, the advantages of the seminary method over the didactic lecture in the teaching of history of medicine have been established beyond peradventure. It was the method introduced at the Naval Academy long ago in teaching seamanship, navigation, naval architecture, gunnery, even geography, and carried on by Langdell at the Harvard Law School: the professor activates, as Osler did; the student does the lecturing or researching and is taught to swim by throwing him into the water.

Through the courtesy of Professor Sigerist, it is possible to print the subjoined revision and expansion of a catalogue of Texts illustrating the History of Medicine, by the present compiler, originally published in the Index Catalogue of the Surgeon General's Library, 1912, 2. p., XVII, 89–178. The incentive to this enterprise came from no less than Sir William Osler, who, in 1911, advised the then Librarian

as to the advantage of segregating the more valuable historic items in the Army Medical Library for safe keeping under glass. This was done and the above catalogue was subsequently used by the compiler as a convenient scaffolding for a book on history of medicine. In the present revision, the older subdivision, by periods, subjects and outstanding medical leaders, has been discarded in favor of an expanded chronologic arrangement under each subject. The advantages of a purview of each basic discipline and specialty as a chronologic *continuum* are obvious; but it must be emphasized, at the start, that the present list, like the earlier, is merely illustrative, designed to peg out important milestones and landmarks of progress, along with some other references difficult to come at. Such a list might, in fact, be expanded indefinitely, even up to the dimensions of the three-volume *Catalogue des sciences médicales* of the Bibliothèque impériale (Paris, 1857–89), attributed by vague report to the industry of Émile Littré. To glance over this extraordinary subject-catalogue of medical literature, replete with evaluations and viewpoints current in the Littré-Daremberg period, awakens a feeling of sadness. Here, in effect, is a complete picture of the status of medicine in this period, some items commemorating steps forward, others steps backward, others the not unnatural tendency of the human mind to hug an acceptable hypothesis for centuries, until newer findings create a new succession of dissolving views. But most of the items in this vast catalogue are negative or nugatory, of no historic significance whatever; suggesting Cushing's witticism about those "who are to-day, but may not be to-morrow," or Schopenhauer's view of a library as a cross-section of geologic strata, with embedded fossils. The older texts and basic findings, the work of isolated pioneers who have thought in advance of their time, do nevertheless remain very real values in the historic perspective and one object of recent research work at the sources has been to ascertain these values and bring them out in the retouched picture. In a period of such incessant kaleidoscopic change as ours, we realize daily that there are no finalities in science, that hypotheses are legion and that of theorizing about the causation of disease there is no end. But facts, such as the boiling point of water or heart murmurs or the effect of quinine in malarial fever, are "things that have happened" and will continue to happen under like initial conditions. In medicine, such facts and findings are reliable as far as the individual reactions of the human organism are predictable and are doubtless of more consequence to the future of humanity than the maunderings of Plato over the functions of the human frame or of Stahl on the causation of disease. Yet few, if any of us could have done better than Plato or Stahl, in his time and place, and that the Greeks knew more about medicine than is apparent from the remains of

their medical literature is an open secret among medical philologists. In the earlier centuries, as Osler pointed out, novel views of things were accepted grudgingly, reluctantly, at a tempo successively *largo*, *lento*, *andante* (going) and *allegretto*. The truth about the circulation, spontaneous generation, pathology as altered physiology, infection by microörganisms and insect-transmission of disease, connotes, in each case, a long-drawn battle over bitterly contested ground. To-day, ascertained findings in science are accepted at a tempo qualifiable as *presto* and what views of things will obtain a century hence is beyond the perceptive powers of any one living. In some respects, post-bellum humanity has moved forward, in others distinctly backward; what will come out in the wash is unpredictable. Upon such obvious reasoning, the present extended array of titles is based and no apology seems necessary or desirable for the inclusion of sundry items from the more recent literature. Like the older references, these imply steps, whether forward or backward, and "streams of tendency." The names of publishers have been indicated in the case of important books only and the pagination of periodical references has been given wherever such items are not otherwise available as separate reprints or pamphlets. Should this list prove of assistance to the student in finding his way through the mazes of medical literature, or to librarians in building up collections of the medical and biological classics, it will have justified, to some extent, the object and expense of publication.

Texts Illustrating the History of Medicine

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—— The same. Œuvres [with French version. by Ch. Daremberg and C.-E. Ruelle]. 6 v. 8°. Paris, 1879. J. B. Baillière, 1879.

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